

# PROJECT 10073 RECORD

1. DATE - TIME GROUP 18 August 66 19/0500Z	2. LOCATION Xenia, Dayton, Ohio (Multiple)
3. SOURCE Civilians	10. CONCLUSION Astro (METEOR) ✓ <i>724</i>
4. NUMBER OF OBJECTS One	Description is consistnet with a meteor sighting.
5. LENGTH OF OBSERVATION Few Seconds	11. BRIEF SUMMARY AND ANALYSIS  Observers noted bright object falling toward the ground. Object appeared white, blue, orange, and red. Object lit up the earth like a flash bulb.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE E	
8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

19 August 1966

0745

Received telephone call from Mrs. [REDACTED] Xenia, Ohio. She and her husband saw a light down to the ground, blue-green, observed it for seconds, went out before it hit the ground. Lit up the whole area. Observed at 11:50 p.m. 18 August 66, looking east. Said she would fill out Form 164 if we mailed them to her. 164 Sent.

0730

Received a telephone call from [REDACTED] United Press, [REDACTED] Columbus, Ohio. She wanted to know how far South and West that the meteors were seen last night. Informed her that we had not received any reports as yet from last night.

1400

Received a call from [REDACTED] of Huber Heights area. Wanted to know if anyone had reported any meteorites last night, shortly before midnight. Object looked like it came down real near, saw it through the window, sparks, appeared to being going N to S, she didn't know who to call first. She was looking east when she observed object. Mrs. [REDACTED] said she would fill out a form as best as she could in order for us to send it to [REDACTED]. Her address: [REDACTED] Dayton, Ohio (meteor form sent 19 August 1966).

# FIREBALL REPORT

Persons observing a fireball or meteor should report the information to the American Meteor Society. The information desired is contained below.

A very brilliant meteor or fireball is reported to have passed in your vicinity on . . . . at the hour of . . . . . Will you please answer as fully as possible the following questions, which are asked on behalf of the American Meteor Society in order that permanent records of such phenomena may be obtained. When these reports are published each contributor whose report is fairly complete will be mentioned, if

possible, and due credit given. It is only by the help of those who can give personal information that data can be secured for the computation of the orbits of meteors. These data are of great scientific value and all reasonable efforts should be made to obtain them. You will be unable probably to answer all questions below, but answer those you can, as they may be of the greatest importance.

- (1) Give your name and address. *Mr. [redacted] Pike Dayton 24 Ohio*
- (2) Where were you when you saw the meteor? (If the town is small please give county as well.) *Dayton, Ohio*
- EST* (3) Give the date, hour and minute when the meteor appeared; also kind of time used. *Aug 17-1966 12:00 AM A.P.R.*
- (4) In what direction did it appear (or in what direction was it first seen)? This is not asking in what direction it was going! *North East*
- (5) In what direction did it disappear (or in what direction was it last seen)? For questions 4 and 5, simply N, E, S, or W is not accurate enough, unless these were the exact directions. If compass is used, state it; also if magnetic correction has been applied to compass reading.
- (6) At what height did it appear? (Use degrees in answering.)
- (7) At what height did it disappear? (Use degrees in answering.)
- (8) Did it pass directly overhead (i.e., through the zenith)?
- (9) If not, to which side of the zenith did it go, and how far from it? (Use degrees in answering.)
- (10) Did it appear to reach the horizon? What sort of a horizon have you? *yes - broken*
- (11) What angle did the path of the meteor make with the horizon and in which direction was it then going? *traveling South on 45° angle*
- (12) If you are familiar with constellations describe the path of the meteor through the sky with reference to stars.
- (13) Did the meteor appear to explode? *It appeared to land with sparks to the side*
- (14) What was the duration of its flight in seconds? *approx 10 seconds*
- (15) Describe the train if one was left. If it lasted long enough to show drift, most carefully tell in what direction train drifted. Give sketch, if possible, showing this with regard to horizon.
- (16) What was the duration of the train in seconds?
- (17) Did you hear any sound? *No* How long after seeing the meteor was it before you heard this sound?
- Did you hear an actual explosion? How long after seeing the explosion was it before you heard it?
- (18) Of what color was the meteor? *white edged with red*
- (19) What was the size of the meteor? (Compare it with the Moon or with a planet or star.) *a large baseball*
- (20) Was more than one body seen before the explosion (if any)?
- (21) What was condition of sky at time? *fair*
- (22) Give names and addresses of others who saw the meteor.
- (23) Please mail this reply to

*[redacted]*  
Narberth, Pennsylvania 19072

*this was an almost unbelievable experience*

## U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will *not* be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

8 18 66  
Day Month Year

2. Time of day: 11:55  
Hour Minutes

(Circle One): A.M. or P.M.

3. Time Zone:

(Circle One): a. Eastern  
b. Central  
c. Mountain  
d. Pacific  
e. Other \_\_\_\_\_

(Circle One): a. Daylight Saving  
b. Standard

4. Where were you when you saw the object?

HUSSEY Rd. XENIA, OHIO Greene  
Nearest Postal Address City or Town State or County

5. How long was object in sight? (Total Duration)

\_\_\_\_\_  
Hours Minutes 4 Seconds

a. Certain

b. Fairly certain

c. Not very sure

d. Just a guess

5.1 How was time in sight determined? my husband look at his watch.

5.2 Was object in sight continuously? Yes X No \_\_\_\_\_

6. What was the condition of the sky?

DAY

a. Bright  
b. Cloudy

NIGHT

a. Bright  
b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you  
b. In back of you  
c. To your right

d. To your left  
e. Overhead  
f. Don't remember

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS (Circle One):

- a. None
- b. A few
- c. Many
- d. Don't remember

8.2 MOON (Circle One):

- a. Bright moonlight
- b. Dull moonlight
- c. No moonlight -- pitch dark
- d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS (Circle One):

- a. Clear sky
- b. Hazy
- c. Scattered clouds
- d. Thick or heavy clouds

WEATHER (Circle One):

- a. Dry
- b. Fog, mist, or light rain
- c. Moderate or heavy rain
- d. Snow
- e. Don't remember

10. The object appeared: (Circle One):

- a. Solid
- b. Transparent
- c. Vapor
- d. As a light
- e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? (Circle One):

- a. Brighter
- b. Dimmer
- c. About the same
- d. Don't know

11.1 Compare brightness to some common object:

*it lit up the earth like a flock of blue  
it was first like a light then blue then orange.  
then disappeared.*

12. The edges of the object were:

- (Circle One):
- a. Fuzzy or blurred
  - b. Like a bright star
  - c. Sharply outlined
  - d. Don't remember

c. Other \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

13. Did the object:

(Circle One for each question)

- a. Appear to stand still at any time?
- b. Suddenly speed up and rush away at any time?
- c. Break up into parts or explode?
- d. Give off smoke?
- e. Change brightness?
- f. Change shape?
- g. Flash or flicker?
- h. Disappear and reappear?

Yes	<u>No</u>	Don't know
Yes	<u>No</u>	Don't know
Yes	<u>No</u>	Don't know
Yes	<u>No</u>	Don't know
<u>Yes</u>	<u>No</u>	Don't know
Yes	<u>No</u>	Don't know
<u>Yes</u>	No	Don't know
Yes	<u>No</u>	Don't know

14. Did the object disappear while you were watching it? If so, how?

*It just came down and the light went out before it hit the ground, or went behind trees.*

15. Did the object move behind something at any time, particularly a cloud?

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

it moved behind: \_\_\_\_\_

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

in front of: \_\_\_\_\_

17. Tell in a few words the following things about the object:

a. Sound

*none that we could hear, we were in side car*

b. Color

*bright white like light, the blue then orange.*

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

*just a guess, I'd say about  $\frac{1}{8}$*

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails.

Place an arrow beside the drawing to show the direction the object was moving.

*Since it was a light it would be difficult to draw a picture but here is the direction it was going.*



20. Do you think you can estimate the speed of the object?

(Circle One)

Yes

☒ No

IF you answered YES, then what speed would you estimate? \_\_\_\_\_

21. Do you think you can estimate how far away from you the object was?

(Circle One)

Yes

No

IF you answered YES, then how far away would you say it was? miles

22. Where were you located when you saw the object?

(Circle One):

a. Inside a building

b. ☒ In a car

c. Outdoors

d. In an airplane (type)

e. At sea

f. Other \_\_\_\_\_

23. Were you (Circle One)

a. In the business section of a city?

b. In the residential section of a city?

c. ☒ In open countryside?

d. Near an airfield?

e. Flying over a city?

f. Flying over open country?

g. Other \_\_\_\_\_

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

a. North

c. ☒ East

e. South

g. West

b. Northeast

d. Southeast

f. Southwest

h. Northwest

24.2 How fast were you moving? 50 miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One)

Yes

☒ No

25. Did you observe the object through any of the following?

a. Eyeglasses

☒ Yes

No

e. Binoculars

Yes

No

b. Sun glasses

Yes

No

f. Telescope

Yes

No

c. Windshield

☒ Yes

No

g. Theodolite

Yes

No

d. Window glass

Yes

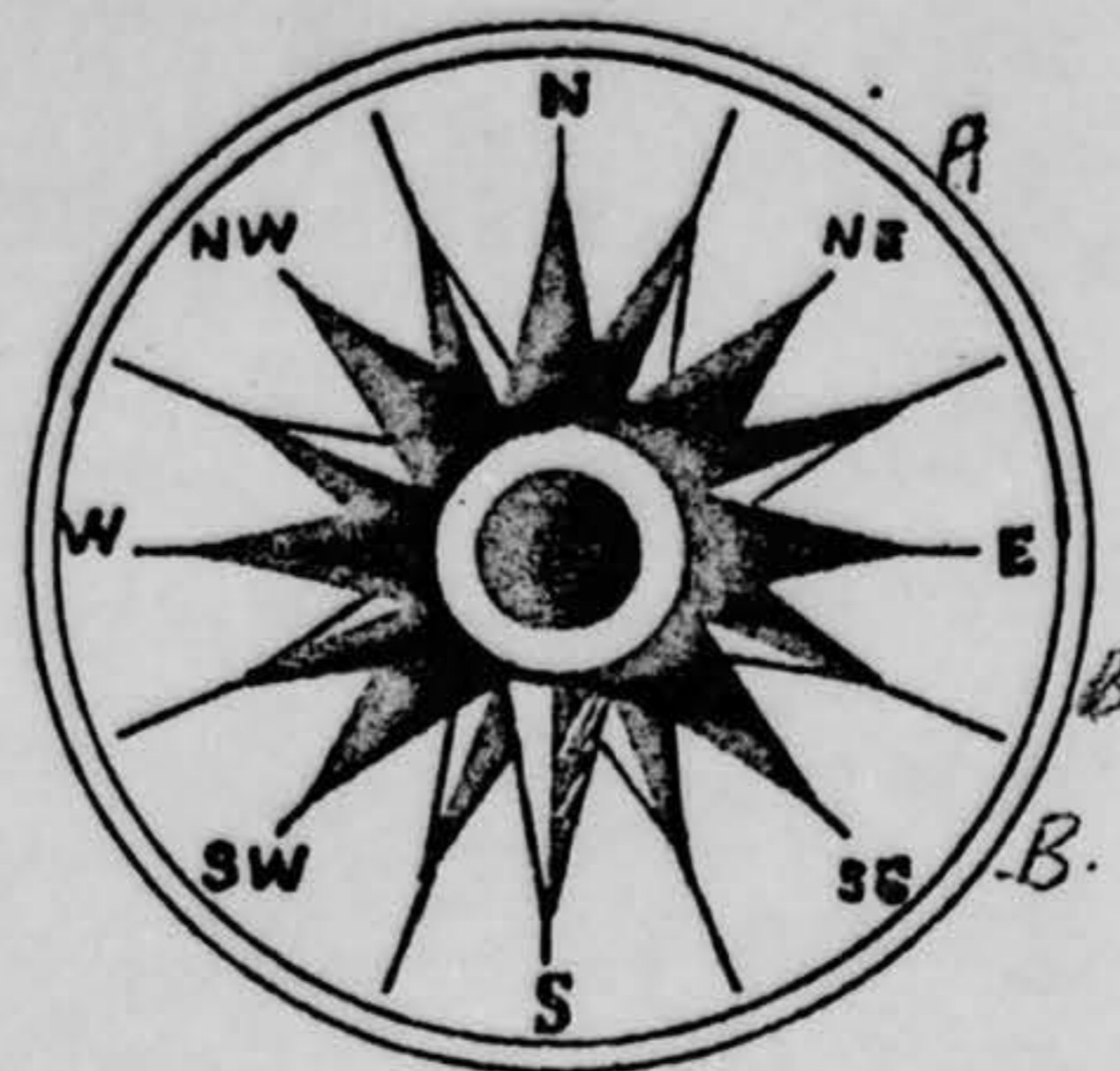
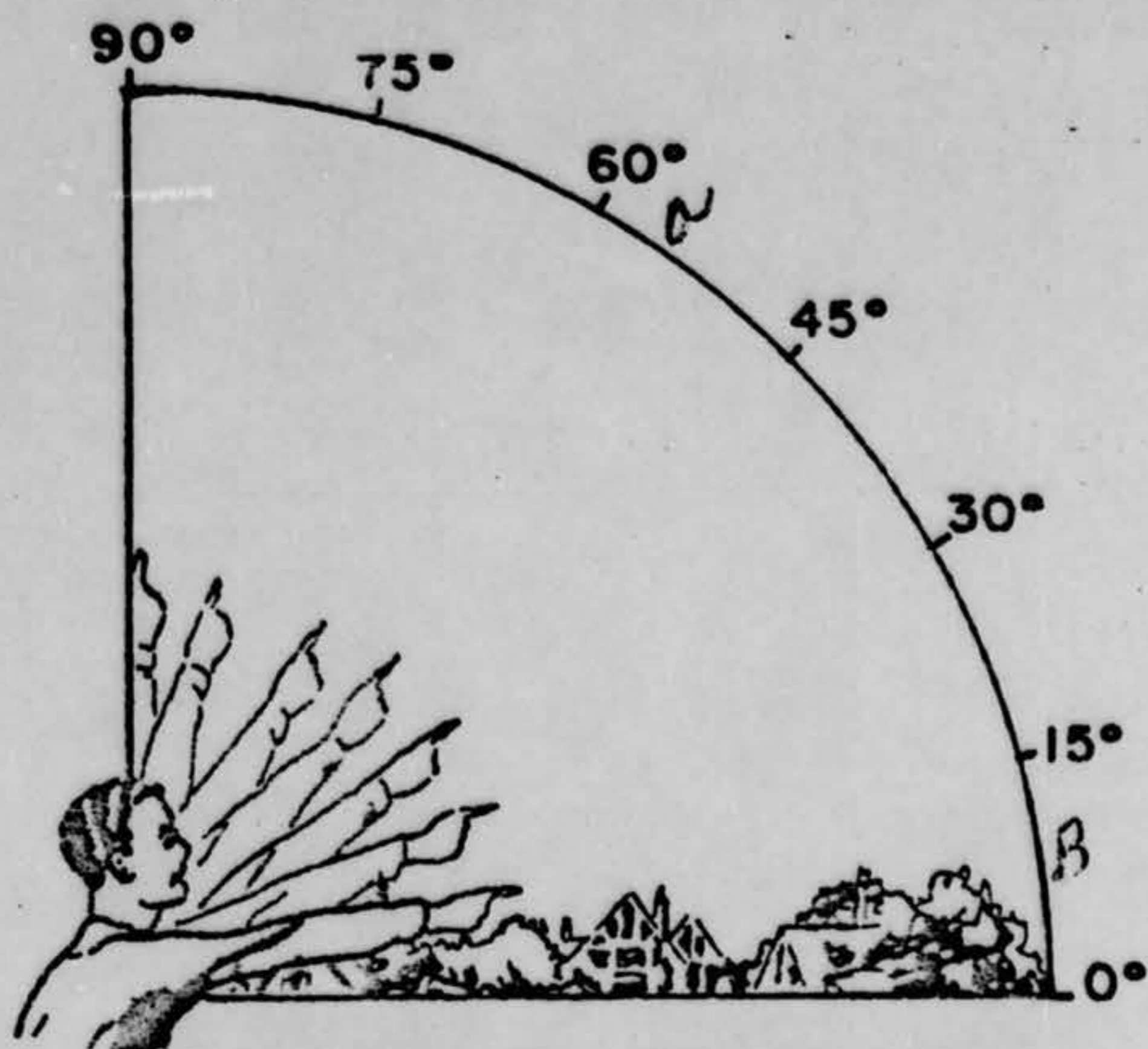
No

h. Other \_\_\_\_\_

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

Like some of the fire work you see on the fourth of July.

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.



28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.



29. IF there was MORE THAN ONE object, then how many were there? \_\_\_\_\_  
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

*no & have never.*

31. Was anyone else with you at the time you saw the object? (Circle One)

☒ Yes

No

31.1 IF you answered YES, did they see the object too? (Circle One)

☒ Yes

No

31.2 Please list their names and addresses:

*my husband  
max leming*

32. Please give the following information about yourself:

NAME

Last Name

First Name

Middle Name

ADDRESS

Street

City

Zone

State

TELEPHONE NUMBER

AGE

SEX

Indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object?

*Aug 18*  
Day

*8*  
Month

*66*  
Year

*First to Sheriff's office then to W*

34. Date you completed this questionnaire:

8      25      66  
Day      Month      Year

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

18 Aug 66

FTD (TDETR)  
Wright-Patterson AFB, Ohio 45433  
22 August 1966


~~XXXXXXXXXX~~  
Xenia, Ohio 45385

Dear ~~XXXXXXXXXX~~

Reference your telephone conversation on 19 August 1966.  
The information which we have received is not sufficient  
for evaluation. Request you complete the attached FTD  
Form 164 and return it in the envelope provided.

We wish to thank you for reporting your observation to  
the Air Force.

Sincerely,

  
HECTOR QUINTANILLA, Jr, Major, USAF  
Chief, Project Blue Book

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TDETR  
Office of Record